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Response
to
Notice
4/5/01

Certificate of Mailing: Date of Deposit: March 28, 2001

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Tracey Simmons

Printed name of person mailing correspondence

Tracey Simmons

Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joseph Chappell et al.

Art Unit: 1638

Serial No.: 09/514,513

Examiner: A. Nelson

Filed: February 28, 2000

Customer No.: 21559

Title: CHIMERIC ISOPRENOID SYNTHASES AND USES THEREOF

Assistant Commissioner For Patents
Washington, D.C. 20231

REPLY TO NOTICE TO COMPLY WITH REQUIREMENTS
FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE AND/OR AMINO ACID SEQUENCE

In reply to the Notice To Comply mailed February 28, 2001, applicants submit the following:

- ☒ A paper copy of the sequence listing and the statement under 37 C.F.R. § 1.821(e) as filed with the instant application 09/514,513 on February 28, 2000.
- ☒ A request to use computer readable form filed in the parent application 08/631,341, filed April 12, 1996 (U.S. Patent No. 5,824,774).
- ☒ A statement that the contents of the paper and computer readable copies are

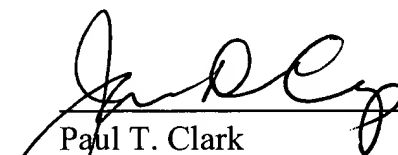
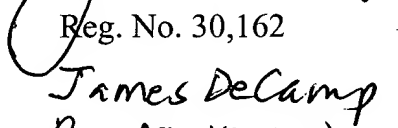
the same and contain no new matter.

☒ A copy of the Notice to Comply with Requirements for Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures.

If there are any charges, or any credits, please apply them to Deposit Account
No. 03-2095.

Respectfully submitted,

Date: 28 March 2001


Paul T. Clark
Reg. No. 30,162

James DeCamp
Reg. No. 43,580

Clark & Elbing LLP
176 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045

\\\\Ntserver\\documents\\07678\\011xxx\\07678.011003 Notice to Comply w.Sequence Lstg Requirements.wpd



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TECH CENTER 1600/2900 PATENT
ATTORNEY DOCKET NO. 07678/011003

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I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Tracey Simmons

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STATEMENT UNDER 37 C.F.R. § 1.821(e)

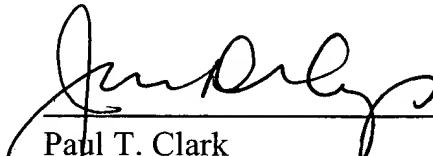
The computer readable form in the present application, 09/514,513, is identical to that filed in application 08/631,341, filed April 12, 1996 (U.S. Patent No. 5,824,774). In accordance with 37 C.F.R. § 1.821(e), please use the first-filed computer readable form filed in that application as the computer readable form for the present application. Applicants enclose a paper copy of the sequence listing and the statement under 37 C.F.R. § 1.821(e) as filed with the instant application on February 28, 2000. The contents of the paper copy are identical to those on the computer readable form filed in application 08/631,341. No new matter has been added. It is understood that the Patent and

Trademark Office will make the necessary changes in application number and filing date for the present application.

If there are any charges, or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: 28 March 2001



Paul T. Clark
Reg. No. 30,162

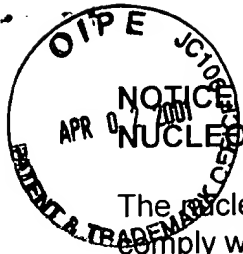
Clark & Elbing LLP
176 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045

James DeCamp
Reg. No. 43,580



21559

PATENT TRADEMARK OFFICE



Application 09/514,513

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support (SIRA)

Technical Assistance.....703-287-0200

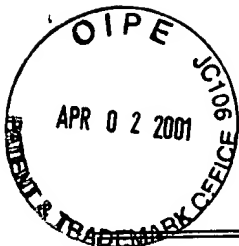
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Date of Deposit <u>February 28, 2000</u>	Label Number: <u>EL509045643US</u>
I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to BOX PATENT APPLICATION, Assistant Commissioner of Patents, Washington, D.C. 20231.	
<u>Luis A. Cruz</u> Printed name of person mailing correspondence	 Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joseph Chappell et al.

Art Unit:

Serial No.:

Examiner:

Filed: February 28, 2000

Title: CHIMERIC ISOPRENOID SYNTHASES AND USES THEREOF

Assistant Commissioner of Patents
Washington, D.C. 20231

STATEMENT UNDER 37 CFR §1.821(e)

The computer readable form in the instant application, filed herewith, is identical with that filed in application 08/631,341, filed April 12, 1996 (U.S. Patent No. 5,824,774). In accordance with 37 CFR §1.821(e), please use the first filed computer readable form filed in that application as the computer readable form for the instant application.

It is understood that the Patent and Trademark Office will make the necessary changes in application number and filing date for the computer readable form that will be used with the instant application. A paper copy of the sequence listing is included in the originally filed specification of the instant application for incorporation into the

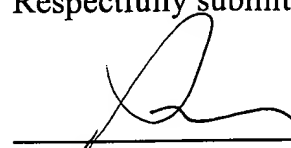
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\\Ceserver\documents\07678\07678.011003 Sequence Statement.wpd